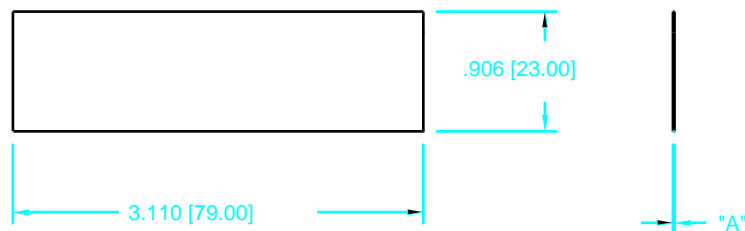


(B)

PLOT SCALE: 1=1

DWG. SCALE: 1



	FILTER FOIL	DIM. "A"	MATERIAL
1	1	20 um	PYROLYTIC GRAPHITE, DENSITY
1	2	24.9 um	PYROLYTIC GRAPHITE, DENSITY
1	3	56 um	PYROLYTIC GRAPHITE, DENSITY
2	4	150 um	PYROLYTIC GRAPHITE, DENSITY
2	5	300 um	PYROLYTIC GRAPHITE, DENSITY
2	6	500 um	PYROLYTIC GRAPHITE, DENSITY
2	7	700 um	PYROLYTIC GRAPHITE, DENSITY
2	8	1.000 mm	PYROLYTIC GRAPHITE, DENSITY
2	9	2.000 mm	PYROLYTIC GRAPHITE, DENSITY

NOTES:

1. WHEN MACHINING VACUUM PARTS, USE OF SILICONE, SULPHUR-BASED CUTTING FLUIDS AND ABRASIVES IS PROHIBITED. USE TRIM SOL OR APPROVED EQUAL LUBRICANT.
2. FOR COMPLETE SPECIFICATIONS ON MACHINING, CLEANING, VACUUM REQUIREMENTS, TESTING AND DELIVERY PREPARATION, SEE ANL DOCUMENT #410201-00095.
3. GRAPHITE TO BE SUPPLIED AND INSTALLED BY APS PERSONNEL.
4. DIMENSIONS IN BRACKETS [] ARE MILLIMETERS.

SUGGESTED SOURCE:

ACF
2239 E. KLEINDALE RD.
TUCSON, AZ. 85719-2440
PHONE: (602)-325-9590

SPECIALTY MINERALS, INC.
640 N. 13TH STREET
EASTON, PA 18042-1497
PHONE: (215)-250-8970

ITEM	DWG/PART NUMBER	NOMENCLATURE OR DESCRIPTION	MATERIAL / SPEC	QTY
PARTS LIST				
UNLESS OTHERWISE SPECIFIED: ALL DIMENSIONS ARE IN INCHES TOLERANCES DECIMALS .X - .030 [762] .XX - .010 [254] .XXX - .005 [127] SURFACE ROUGHNESS 125 REMOVE ALL BURRS AND BREAK SHARP EDGES .03 MAX. SURFACE TEXTURE TO BE IN ACCORDANCE WITH LATEST ANSI B46.1 DIMENSIONING & TOLERANCING IN ACCORDANCE WITH LATEST ANSI Y14.5		LOG NUMBER A1502001 DRAWN BY R SWANSON CHECKED BY C. BRITE DESIGNER R SWANSON RESPONSIBLE ENGINEER C. BRITE MATERIAL SEE CHART	THIS DRAWING IS THE PROPERTY OF ARGONNE NATIONAL LABORATORY CHIEF DESIGN ENGINEER GP LEADER PROJECT MGR. APPROVED/RELEASED SCALE 1:1 SHEET 1 of 1	
01 RELEASED AS REVISION 01.		RF CB 10/96	TITLE ADVANCED PHOTON SOURCE F1-APS ID BEAMLINE FILTER FILTER ASSEMBLY FILTER FOIL(S)	
SYM CHANGE DESCRIPTION		BY CHKD DATE	DRAWING NUMBER B P4102010107-320001-01	
REVISIONS		DO NOT SCALE DRAWING		